

Date Effective _____

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OEPA Permit No. 3IN00093 AD

Application No. OH0088005

Effective Date:

Expiration Date: 5 yr permit

DRAFT COPY
SUBJECT TO REVISION

OEPA

OHIO ENVIRONMENTAL PROTECTION AGENCY

AUTHORIZATION TO DISCHARGE UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq. hereinafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 611),

Acme Scrap Iron & Metal Company

is authorized by the Ohio Environmental Protection Agency, hereafter referred to as "Ohio EPA", to discharge from the wastewater treatment works located at

2110 State Road, Ashtabula OH

and discharging to Fields Brook via a Storm Sewer

in accordance with the conditions specified in Parts I, II and III of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.

Steven J. Grossman
Assistant Director

PART I, A - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfalls: 3IN00093001. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>		<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING Code	UNITS PARAMETER	Concentration Other Units (Specify)		Loading kg/day		Meas.	Sample
		30 day	Daily	30 day	Daily	Freq.	Type
00056	GPD FLOW	-	-	-	-	Daily	24hr estm.
00530	MG/L TSS	30	45	-	-	1/month	Grab
00556	MG/L oil & Grease	15	20	-	-	2/month	Grab
01045	UG/L Total Iron	-	-	-	-	1/month	Grab
39516	UG/L PCB*	-	-	-	-	1/month	Grab
00650	MG/L T-PO4	-	-	-	-	1/month	Grab

* The discharge of PCB's is prohibited

~~It shall not be permitted to discharge~~

2. The pH (Reporting Codes 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored monthly by a grab sample.
3. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.
4. See PART II, OTHER REQUIREMENTS.

PART I, B - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfalls: 3IN00093002. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

EFFLUENT CHARACTERISTIC			DISCHARGE LIMITATIONS				MONITORING REQUIREMENTS	
REPORTING Code	UNITS	PARAMETER	Concentration		Loading		Meas. Freq.	Sample Type
			Other Units 30 day	(Specify) Daily	kg/day 30 day	Daily		
00056	GPD	Flow	—	—	—	—	1/mo	24hr EST
00530	mg/l	TSS	12	18	—	—	1/mo	Grab
00310	mg/l	BOD ₅	10	15	—	—	1/mo	Grab
00556	mg/l	oil & Grease	—	—	—	—	1/month	Grab
31616	#/100ml	Fecal Coliform Count (Summer only)	1000	2000	—	—	1/month	Grab
00650	mg/l	T-PO ₄	—	—	—	—	1/month	Grab
50060	mg/l	Total Chlorine Residual (Summer only)	—	0.5	—	—	1/month	Grab
01330	Severity	Odor	—	—	—	—		daily observation
01350	Severity	Turbidity	—	—	—	—		daily observation
00083	Severity	Color	—	—	—	—		daily observation

2. The pH (Reporting Codes 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored monthly as a grab sample.
3. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.
4. See PART II, OTHER REQUIREMENTS.

PART II, OTHER REQUIREMENTS

- A. Description of the location of the required sampling stations are as follows:

<u>Sampling Station</u>	<u>Description of Location</u>
3IN00093001	overflow weir from the sedimentation Lagoon
3IN00093000	outlet pipe from the sanitary wastewater treatment system

- B. In addition to the reporting required by the paragraph entitled "REPORTING" in Part III, General Conditions, monitoring results obtained during each month shall be summarized and reported on a Discharge Monitoring Report Form (EPA No. 3320-1 or T-40 as appropriate), to be received no later than the 15th of the next month. The original copy of the report form shall be signed and mailed to:

Ohio Environmental Protection Agency
Technical Records Section
Post Office Box 1049
Columbus, Ohio 43216

- C. If Severity Units are required for Turbidity, Odor, or Color, use the following table to determine the value between 0 and 4 that is reported:

REPORTED VALUE *	SEVERITY DESCRIPTION	TURBIDITY	ODOR	COLOR
0	None	Clear	None	Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

* Interpolate between the descriptive phrases.

PART II, OTHER REQUIREMENTS

D. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under sections 301(b)(2) (C), and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

- (1) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- (2) Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

E. In the event the permittee's operation shall require the use of ~~cooling~~ water treatment additives, written permission must be obtained from the Ohio Environmental Protection Agency. The permittee shall demonstrate that the use of the additive in the concentrations expected will not be harmful or inimical to aquatic life as determined by acute static bioassays.

Industrial

☒ Yes☒ No

New

Renewal

☒

1. Company Name Acme Scrap and Iron Co 7. OEPA Application No. 3IN00093 A
2. Division Name - 8. NPDES Application No. OH0088005
3. Plant Name - 9. SIC No. 3449
4. Plant or Discharge Address 2110 STATE 10. District NED0
Road Ashtabula Ohio 44004
11. County Ashtabula
12. River Basin Ashtabula
5. Company Mailing Address PO Box 218 Ashtabula OH 44004
6. Name of Individual Contact at the Plant MR SAM SIMON
Title President Phone No. 216 998-2820
13. Incorporated Municipality to Receive Public Notice Ashtabula
14. Prepared By: Steven W. Jones Date 4-19-85
Title -
15. Approved By: - Date -
Title -
Description of Operation
16. Products ~~Made~~ Scrap Iron and metal
17. Raw Materials Scrap Iron, Steel and other metals
18. Daily Production Rate N.A.
19. Raw Material Consumption N.A.
20. Processes Used Segregation of metals
21. Total Waste Volume .077 MGD
22. Outfall (No. 001, etc.) 3IN00093001 3IN00093002
23. Type of Waste contaminated stormwater Sanitary wastewater
(Process/cooling - contact/non-contact)
24. Treatment System Used Settling tank and oil Retention Lagoon septic tank with sand filters
25. Outfall Volume (MGD) .072 .005
26. Receiving Stream Fields Brook Fields Brook
27. Critical Flow of above .0 CFS

28. Stream Use Classification: Warmwater Habitat X
 Exceptional Warmwater Habitat _____
 Limited Warmwater Habitat _____
 Seasonal Warmwater Habitat _____ Bathing Waters _____
 Coldwater Habitat _____ Public Water Supply _____
 State and National Resource Waters _____ Secondary Contact Recreation _____
 Mine Drainage _____
 Mahoning River _____

29. Subsequent Network Lake Erie

30. No. of Employees 18 Hours per day 8 Shifts/wk 5 Weeks/yr. 50

31. List the three (3) consecutive months which represent each season and the average number of hours facility is in operation in a seven day week.

Winter: 1st Mo. _____ 2nd Mo. _____ 3rd Mo. _____ Hours _____

Spring: 1st Mo. _____ 2nd Mo. _____ 3rd Mo. _____ Hours _____

Summer: 1st Mo. _____ 2nd Mo. _____ 3rd Mo. _____ Hours _____

Fall: 1st Mo. _____ 2nd Mo. _____ 3rd Mo. _____ Hours _____

No +
Seasonal

32. Regulatory Bases (Check where applicable)

WO Segment _____ EL Segment _____ IJC _____

WQS X MPS _____ ORSANCO _____

WLA (Specify) _____

Federal Guidance Used (Specify Document and Date, i.e., point source category, sub-category, proposed or promulgated guidelines, or development document) _____

33. Monitoring Stations - Type, Number & Description Internal (Raw Waste), Upstream (Intake), Downstream, Subsurface WO or surface discharge.

Type	Number	Description
<u>OUTFALL</u>	<u>3IN00093001</u>	<u>Contaminated Stormwater SURFACE discharge</u>
<u>OUTFALL</u>	<u>3IN00093002</u>	<u>Septic tank effluent SURFACE discharge</u>

34. Water Supply Sources (wells, city, river) municipal water from
ASCHO

35. Describe sanitary waste water disposal Septic tank and surface
Sand filters

36. Outfall: Mile points on stream SEE MAP

Geographical Coordinates 41° 53' 45" 80° 46' 00"
 LATITUDE Longitude

Justification

Final

Table

Outfall Number 3IN00093001

Characteristic	Justification	Characteristic	Justification
Flow	monitor	T-Phos.	12-14-82 IJC BCT
Iron	monitor		
Oil & Grease	BPT		
pH	WQS		
TSS	BPT		
PCB	monitor		

Final Table

Outfall Number 3IN00093002

Characteristic	Justification	Characteristic	Justification
Flow	monitor		
BOD	6-17-83 IJC BPT		
TSS	6-17-83 IJC BPT		
Fecal Coliform	WQS		
Chlorine Residual	WQS		
T-Phos	IJC - 12-14-82 BPT		

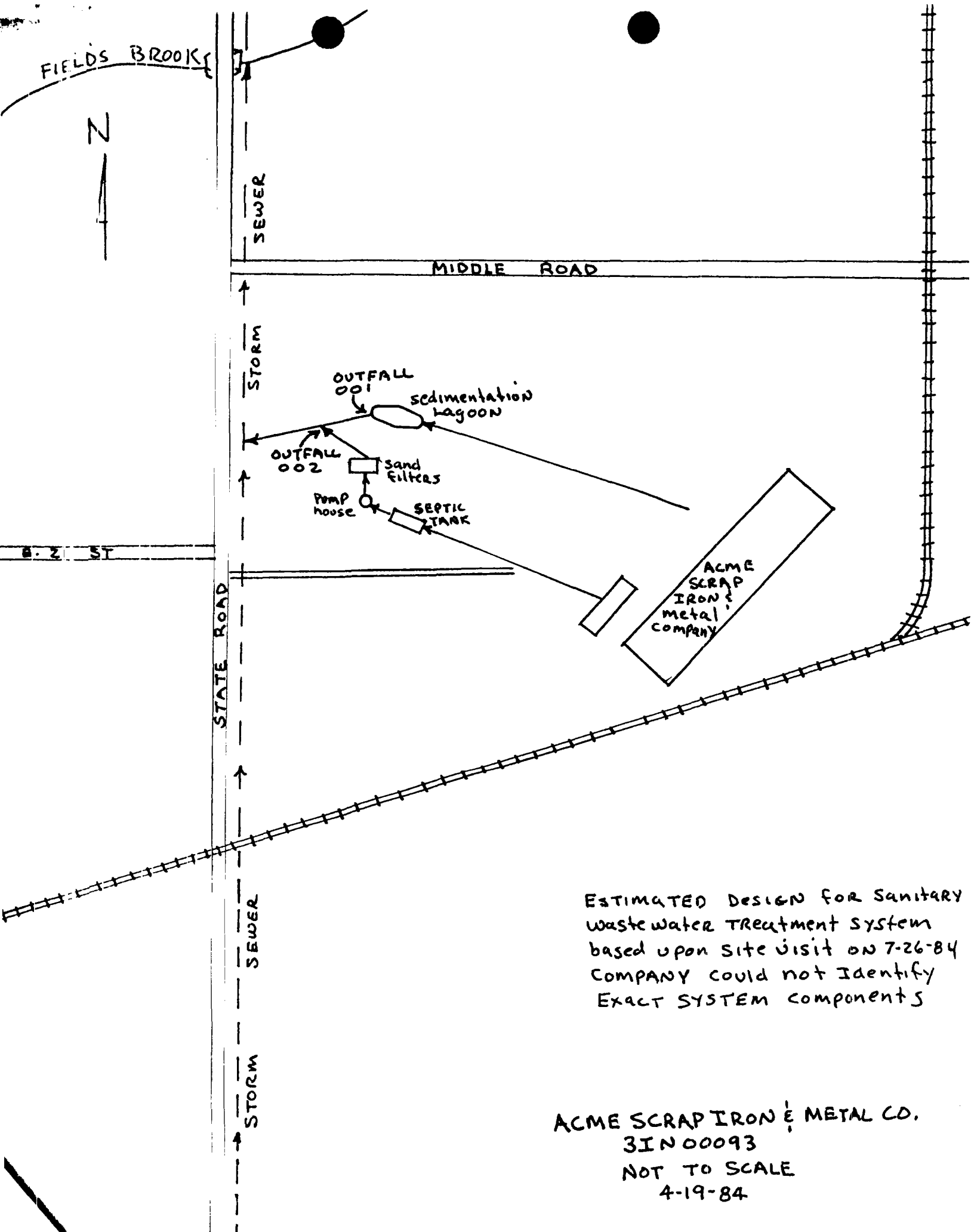
Abbreviations Mean: (WQS) Ohio Water Quality Standards, 2-14-78; MRS (Mahoning River Standards, 11/14/77); IJC (International Joint Commission, 1978 Great Lakes Water Quality Agreement); ORS (ORSANCO); BEJ (Best Engineering Judgement, P.L. 95-217, Section 402 (a)(1); EEO (Existing Effluent Quality, OAC 3745-33-04(B)(3)); BPT (Best Practicable Control Technology); BCT (Best Conventional Pollutant Control Technology); BAT (Best Available Technology); NSPS (New Source Performance Standards)

Compliance Schedule Justification (Write Out)

(Describe equipment that can be used: such that the values in the final table could be met.) Upgrade Sanitary wastewater treatment system by the installation of an on-lot dissipation system OR Repair existing system to operable condition.

Describe time allowance Justification: i.e., by agreement with company or outside engineering estimate, or federal law deadline, or OEPA engineering estimate, or others.

Estimated time for upgrade and/or repair to ~~water~~ sanitary sewage system is 90 days.



Name of Entity Acme Soap Iron & Metal Company OEC Application No. 3IN00093AX
ADDRESS OF FACILITY 2110 STATE RD
Ashtabula OH 44004

OUTFALL NO.	DESIGN FLOW DISCHARGE (GPD)	BUILT OR MODIFIED UNDER PERMIT TO INSTALL (YES or NO)
3IN00093001	72000*	NO
3IN00093002	500	NO

* Dependent on Rainfall

NOTE: If design flow discharge is not known, use maximum flow value instead.

Prepared By

Steven W Love
(Signature)